

Name: _____

Date: _____

Weather and Climate

- _____ is a process in the water cycle, where water vapor rises into the atmosphere.
 - precipitation
 - Transpiration
 - Condensation
 - Evaporation
- Weather is determined by the conditions in the:
 - thermosphere
 - mesosphere
 - troposphere
 - stratosphere
- What force is behind all weather on earth?
 - wind
 - gravity
 - earth's rotation
 - energy from the sun
- Atmospheric conditions for a long period of time is called _____.
 - weather
 - climate
 - humidity
- Which of the following is an example of a climate region?
 - tropical
 - sunny
 - windy
 - rainy
- The state of the earth's atmosphere at a certain time and place is called
 - precipitation.
 - meteorology.
 - climate.
 - weather.
- Rain, sleet, hail, and snow are all part of the _____ process in the water cycle.
 - transpiration
 - evaporation
 - precipitation
 - condensation
- High pressure systems have _____ weather and are _____.
 - rainy, stable
 - clear, stable
 - rainy, unstable
 - clear, unstable
- The amount of water vapor held in the air is
 - rain
 - humidity
 - air pressure
 - clouds
- A mountain can affect climate by
 - absorbing more solar energy at the peak than at the base of the mountain
 - causing precipitation to fall mostly on one side of the mountain
 - pushing a cool air mass back out over the ocean
 - interfering with air currents and affecting Earth's rotation.
- Which of these is NOT a factor considered in describing the climate of a region?
 - distance from the ocean
 - the number of mountains nearby
 - the population of the region
 - the amount of precipitation
- Which of the following cloud types are white, fluffy, and resemble piles of cotton puffs in the sky?
 - cumulus
 - stratus
 - cirrus
 - lenticular